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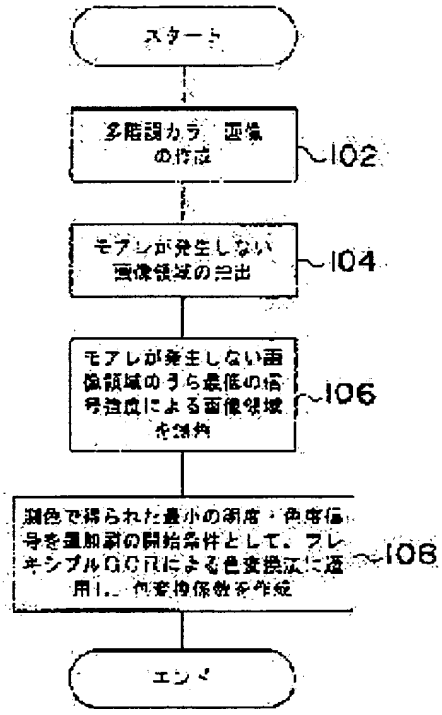
(54) COLOR IMAGE PROCESSING METHOD AND ITS DEVICE

(57)Abstract:
PROBLEM TO BE SOLVED: To suppress the moires generated by at least tertiary colors, even in such a condition the system resolution is limited.
SOLUTION: A multi-level color image is prepared by varying and combining the signal intensity of each recording chrominance signal of CMK (102) for extracting an image area where moire is not generated in a multi-level color image (104). Then, an image area is color-measured by a lowest signal intensity to obtain the minimum brightness and chromaticity signal Kmin (L*a* b*) (106) and as the minimum brightness and chromaticity signal is set to be the starting conditions for black generation and applied to a chrominance converting method by flexible GCR to prepare a chrominance conversion coefficient in a color correcting means (108). By executing color correction through the chrominance conversion coefficient, black generation is started from the minimum brightness and chromaticity signal Kmin (L* a* b*) and executed toward the a higher signal intensity side. As the result, the generation of moires in an output image is suppressed.



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